

# Work Order ID 82194

Saturday, March 24, 2012 12:58:45 PM

**\*82194\***

Page 1

Item ID: D412-704-141

Accept

**\*N9000040100\***

Setup Start **\*NS1\***

Revision ID: ~~U/R~~

Stop **\*NS2\***

Item Name: Pedal Assembly

Start Date: 3/26/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 3/30/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: *mt*

Date: *12-03-24*

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D412-704-141	A								

100 Pick Kit 0.00

**\*100\***

Packaging Memo 0.00

Packaging

*JB* *12/03/28*

110 0.00

**\*110\***

Small Fab Memo 0.00

Small Fab ASSEMBLE AS PER DWG

*EB* *12/03/29* *⓪*

120 QC5- Inspect part completeness to step on W/O 0.00

**\*120\***

QC Memo 0.00

Quality Control

*8/2/13/17*

*⓪*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 82194****\*82194\***

Page 2

Saturday, March 24, 2012 12:58:45 PM

Item ID: D412-704-141

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID: U/R

Stop **\*NS2\***

Item Name: Pedal Assembly

Start Date: 3/26/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 3/30/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
<b>*130*</b>									
Packaging	Memo 8 PP 82193	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

6/4/3/30  
12/3/30  
CL 12/03/30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Saturday, March 24, 2012 12:58:44 PM

Page 1

Work Order ID: 82194

Parent Item: D412-704-141

Parent Item Name: Pedal Assembly



Start Date: 3/26/2012

Required Date: 3/30/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 12-03-21 JLM VERIFIED BY:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
 D3204-041 Release Pedal Assembly		Manufactured	No			B 79100	Each	0.0000		1		3/2/03/29	
D3205-1 Pedal Bracket		Manufactured	No				Each	7.0000		1		3/2/03/29	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		7							
				74722		1							
				79350		6							
 D3205-3 Back Plate		Manufactured	No			B 82060	Each	0.0000		1		3/2/03/29	
D3206-1 Pedal Arm		Manufactured	No				Each	10.0000		1		3/2/03/29	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		10							
				73469		10							
D3209-041 Bracket Assembly		Manufactured	No				Each	15.0000		1		3/2/03/29	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		15							
				71653		3							
				79805		12							
D4610-5 Shim		Manufactured	No			B 82195 A	Each	0.0000		1		3/2/03/29	
D4611-1 Bushing		Manufactured	No			B 82197	Each	0.0000		1		3/2/03/29	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Saturday, March 24, 2012 12:58:44 PM

Page 2

Work Order ID: 82194

Parent Item: D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 3/26/2012

Required Date: 3/30/2012

Start Qty: 1.00

Required Qty: 1.00

AN3-10A Purchased No Each 367.0000

Bolt

1

Location	Loc Qty	Loc Code
GA	63	
119084	63	
ST351	304	
117795	4	
120873	300	

119084

AN315-4R Purchased No Each 34.0000

Nut

1

Location	Loc Qty	Loc Code
ST344	34	
17566	34	

17566

AN4-10A Purchased No Each 63.0000

Bolt

1

Location	Loc Qty	Loc Code
ST356	63	
117619	63	

117619

AN4-12A Purchased No Each 661.0000

Bolt

2

Location	Loc Qty	Loc Code
ST357	661	
115422	4	
118628	7	
119775	50	
120423	600	

118628

MS20002-4 Purchased No Each 100.0000

WASHER

1

Location	Loc Qty	Loc Code
ST314	100	
121114	100	

121114

12/03/28

Saturday, March 24, 2012 12:58:45 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Saturday, March 24, 2012 12:58:45 PM

Page 3

Work Order ID: 82194

Parent Item: D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 3/26/2012

Required Date: 3/30/2012

Start Qty: 1.00

Required Qty: 1.00

MS20004-24 Purchased No Each 20.0000  
BOLT

1

JB

Location Loc Qty Loc Code

ST305 20

121090 20

121090

MS21042L3 Purchased No Each 2,835.0000  
Nut

1

JB

Location Loc Qty Loc Code

ST300 2835

117441 16

117885 32

118451 5

118927 3

119017 2613

119075 166

119017

MS21042L4 Purchased No Each 4,781.0000  
Nut

5

JB

Location Loc Qty Loc Code

ST300 4781

119017 14

119075 2767

121011 2000

119075

MS24694-S104 Purchased No Each 50.0000  
SCREW

1

JB

Location Loc Qty Loc Code

ST290 50

121090 50

121090

MS9519-10 Purchased No Each 17.0000  
Bolt

1

JB

Location Loc Qty Loc Code

ST296 17

100290 17

100290

Saturday, March 24, 2012 12:58:45 PM

Shop Packet Print

12/03/28  
Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Saturday, March 24, 2012 12:58:45 PM

Page 4

Work Order ID: 82194

Parent Item: D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 3/26/2012

Required Date: 3/30/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0363J

Purchased

No

Each

1,417.0000

5

✓

J.B.

Washer

Location

Loc Qty

Loc Code

ST298

1417

117601

61

118077

1

118612

18

119537

33

120142

134

120308

162

120644

1000

120986

8

120644

NAS1149D0416J

Purchased

No

Each

284.0000

2

✓

J.B.

Washer

Location

Loc Qty

Loc Code

ST297

283

120833

83

120910

200

ST298

1

119124

1

120833

NAS1149D0463J

Purchased

No

Each

1,948.0000

13

✓

J.B.

Washer

Location

Loc Qty

Loc Code

ST297

1787

121011

1787

ST298

161

116805

0

118384

16

119097

145

121011

Saturday, March 24, 2012 12:58:45 PM

Shop Packet Print

12/03/28  
Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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# Picklist Print

Saturday, March 24, 2012 12:58:45 PM

Page 5

Work Order ID: 82194

Parent Item: D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 3/26/2012

Required Date: 3/30/2012

Start Qty: 1.00

Required Qty: 1.00

AN3-6A Purchased No Each 268.0000

Bolt

2 ✓ JB

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST351	268	
117441	36	
120498	82	120498
120644	100	
121060	50	

NAS1149D0332J Purchased No Each 3,587.0000

Washer

4 ✓ JB

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST298	3587	
105793	12	
110985	4	
117087	89	
119042	38	
119717	704	
120644	740	
121011	2000	

MS21042L3 Purchased No Each 2,835.0000

Nut

2 ✓ JB

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST300	2835	
117441	16	
117885	32	
118451	5	
118927	3	
119017	2613	119017
119075	166	

Saturday, March 24, 2012 12:58:45 PM

Shop Packet Print

12/03/28  
Page 5

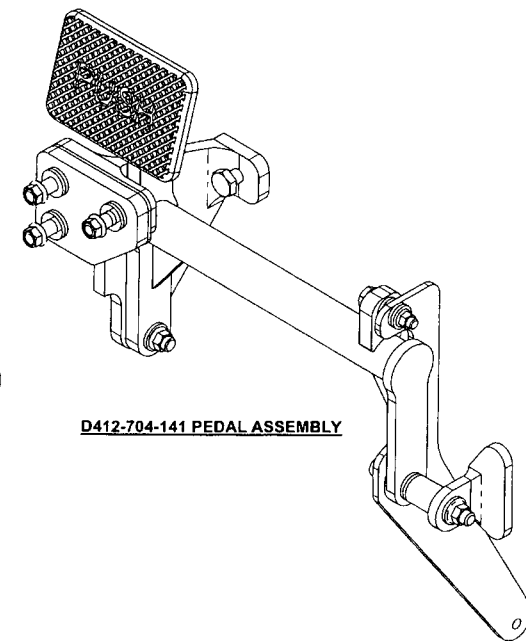
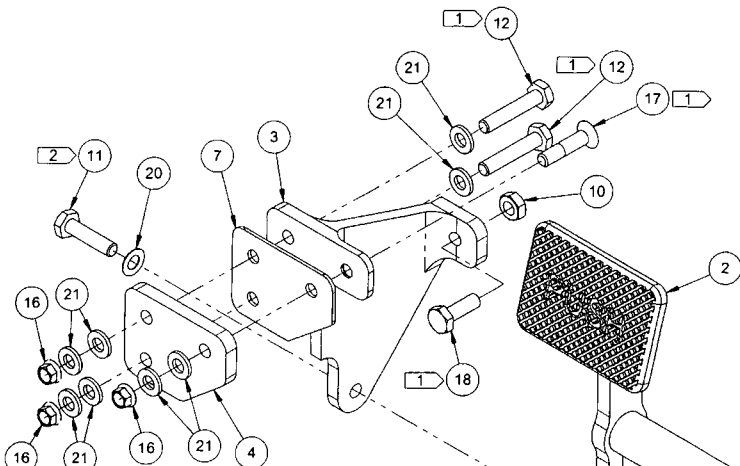
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D412-704-141 PEDAL ASSEMBLY**

**PARTS LIST:**

ITEM NO.	QTY. -141	PART NUMBER	DESCRIPTION
1	X	D412-704-141	PEDAL ASSEMBLY
2	1	D3204-041	PEDAL ASSEMBLY
3	1	D3205-1	PEDAL BRACKET
4	1	D3205-3	BACK PLATE
5	1	D3206-1	PEDAL ARM
6	1	D3209-041	BRACKET ASSEMBLY
7	1	D4610-5	SHIM
8	1	D4611-1	BUSHING
9	1	AN3-10A	BOLT
10	1	AN315-4R	NUT
11	1	AN4-10A	BOLT
12	2	AN4-12A	BOLT
13	1	MS20002-4	WASHER
14	1	MS20004-24	BOLT
15	1	MS21042L3	NUT (OR MS21042-3)
16	5	MS21042L4	NUT (OR MS21042-4)
17	1	MS24694-S104	SCREW
18	1	MS9519-10	BOLT
19	5	NAS1149D0363J	WASHER (OR AN960JD10)
20	2	NAS1149D0416J	WASHER (OR AN960JD416L)
21	13	NAS1149D0463J	WASHER (OR AN960JD416)
N/A *	2	AN3-6A	BOLT
N/A *	4	NAS1149D0332J	WASHER (OR AN960JD10L)
N/A *	2	MS21042L3	NUT (OR MS21042-3)

**EXPLODED ASSEMBLY VIEW**

**NOTES:**

- 1) INSTALL IDENTIFIED FASTENERS LOOSE (HAND TIGHTEN ONLY).
- 2) TIGHTEN IDENTIFIED FASTENERS UNTIL SNUG. ENSURE THAT PARTS CAN STILL ROTATE.
- 3) TORQUE IDENTIFIED FASTENERS TO 15-25 in-lbs (1.7-2.8 N-m).

\* SHIPPED LOOSE WITH -141 KIT (NOT PRE-ASSEMBLED AT DART)

**RELEASED**  
R 2012-03-21  
ECN 12-545 4P

A	NEW ISSUE	RF	12.02.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	ED		
MFG. APPR.	ED		
APPROVED	ED		
DE APPR.	ED		
DATE	12.02.24		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA  
DRAWING NO. **D412-704-141**  
REV. A  
SHEET 1 OF 1  
TITLE **PEDAL ASSEMBLY**  
SCALE NTS

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